

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,447,255 B2  
APPLICATION NO. : 10/079334  
DATED : November 4, 2008  
INVENTOR(S) : De et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE**

At section (56), OTHER PUBLICATIONS, page 2, left column, delete line beginning with “Nov 1999.” and insert therefor --Nov 1995.--.

**IN THE ABSTRACT**

At section (57), ABSTRACT, page 1, right column, lines 7 & 8, after the words “a K by K matrix.” delete “Each block entry of the block column is a K by K matrix.”.

**IN THE SPECIFICATION**

At column 4, line 20, before the word “function” delete “hermetian” and insert therefor --Hermitian--.

At column 4, line 42, before the words “the combined” delete “48. Form” and insert therefor --48, from--.

At column 8, line 50, before “ $\Lambda^{\{N, -t\}}$ ” delete “Simnilarly” and insert therefore --Similarly--.

At column 9, line 2, after the words “determine the” delete “ $\Lambda^{(t)}$ s.” and insert therefor -- $\Lambda^{(i)}$ s--.

At column 9, delete line 15, and insert therefor --by an fft  $\{0, 0, \dots, R_2, R_1, R_0, R_1^H, R_2^H, \dots, 0, 0\}$ --.

At column 9, delete line 30, and insert therefor --of  $R_i$ s--.

At column 9, delete Equation 32 and insert therefor -- $D^H \underline{d} = \Lambda^{-1} [D^H (A^H \underline{r})]$ --.

At column 11, delete line 63 and insert therefor --  $e^{\frac{j2\pi}{N_i}} I_{SF}$  and  $\Lambda_1^{(1)}$ --.

At column 12, line 35, after the words “of each  $\Lambda^{(i)}$ ,” delete “ $[\Lambda^{(t)}]^{-1}$ ” and insert therefor --“ $[\Lambda^{(i)}]^{-1}$ --.

At columns 11 & 12, lines 44-53, to right end of equation 40, add --Equation 40--.



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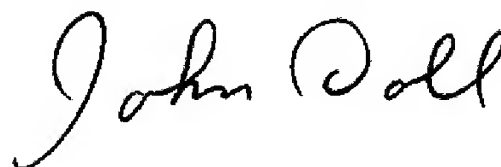
At column 13, line 49, before the word “detection” delete “fastjoint” and insert therefor --fast joint--.

At column 13, line 50, after the words “per second” delete “(MROPS)” and insert therefor --(MROPS)--.

At column 14, line 13, before the words “was calculated” delete “(A<sup>H</sup>r)” and insert therefor --(A<sup>H</sup><sub>r</sub>)--.

Signed and Sealed this

Twenty-eighth Day of July, 2009

A handwritten signature in black ink that reads "John Doll". The signature is written in a cursive, flowing style.

JOHN DOLL

*Acting Director of the United States Patent and Trademark Office*